

IN THE SPECIFICATION:

On page 1, before paragraph [0001.], insert: --Field of the Invention--.

On page 1, before paragraph [0003.], insert: --Background--.

On page 2, before paragraph [0010.], insert: --Summary of the Invention--.

On page 12, before paragraph [0045.], insert: --Brief Description of the Figures--.

On page 13, before paragraph [0046.], insert: --Detailed Description of the Invention--.

IN THE CLAIMS:

Cancel claims 1-25 without prejudice.

Add new claims 26 - 50.

26. (New) A method for debugging programs for industrial controllers, wherein graphical elements are linked using an editor to form a motion control flowchart that can be visualized on a display, comprising the steps of:
- a) preparing a debugging process based on the flowchart;
 - b) assigning suspend command to each graphic element;
 - c) commencing the debugging process;
 - d) continuing the debugging process until a suspend command is reached;
 - e) displaying the location of the flowchart element corresponding to the suspended command; and
 - f) proceeding to the next possible suspend command.
 - g) continuing steps d) through f) until the user reaches the end of the flowchart.
27. (New) The method according to claim 26, wherein a task corresponding to a graphic element, that has been stopped by a suspend command, is continued with a task control mechanism of the run time system.